

GAS MIXTURE, IN PARTICULAR FOR INFLATING THE TYRES OF VEHICLES

ABSTRACT

A gaseous composition particular suitable for inflating the tires of vehicles with a high heat transfer capacity that results in tires having a longer life and better performance. In one aspect, this composition is based on hydrofluorocarbons, and is capable of effectively conducting the heat generated during the rotation of the tire to the wheel rim and at a more or less constant pressure. In one aspect, the wheel rim acts as a radiator, exchanging the heat with the outside air, maintaining the tire temperature low and preventing it from overheating.